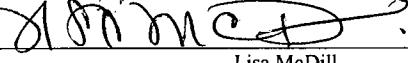


I hereby certify that this correspondence is being filed via  
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on June 16, 2008

TOWNSEND and TOWNSEND and CREW LLP

By: 

Lisa McDill

**PATENT**  
Attorney Docket No.: 020054-003610US  
Client Ref. No.: AVC 72

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Jonathan David GARMAN et al.

Application No.: 10/684,796

Filed: October 14, 2003

For: MODULATION OF SIGNAL  
TRANSDUCTION PATHWAYS

Customer No.: 20350

Confirmation No. 4233

Examiner: Zachary C. Howard

Technology Center/Art Unit: 1646

**AMENDMENT / RESPONSE TO  
OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notice of Non-Compliant Amendment mailed May 15, 2008, and the Office Action mailed July 13, 2007, please enter the following amendments and remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.